

AMENDMENTS TO THE CLAIMS

Claims 1-34 (Canceled)

35. (Currently amended) An apparatus, comprising:

a capsule endoscope having a shape, wherein the shape has a contour, at least a portion of the contour is curved, and wherein the capsule endoscope includes:

a shell, wherein the shell includes one or more sensors, and wherein at least one of the one or more sensors is curved to shape to the contour, wherein the capsule endoscope further includes a substrate that includes the one or more sensors, wherein the substrate is formed sufficiently thin that it can be shaped to the contour, and ~~The apparatus of Claim 32,~~ wherein the capsule endoscope further includes:

a support having sufficient flexibility such that the support can be formed to the contour, wherein the substrate is coupled with the support such that the combination can be formed to the contour.

36. (Previously presented) The apparatus of Claim 35, wherein the support has electrical contact pads formed thereon; wherein the one or more sensors of the substrate have electrical contacts; wherein the electrical contacts of the substrate are electrically connected to the electrical contact pads of the support; and wherein electrical connections between the electrical contact pads of the support and the electrical contacts of the optical circuitry of the substrate are encapsulated with a protective covering.

37. (Currently amended) The apparatus of Claim 35, wherein the support is formed of a laminate of polyimide and copper layers; and wherein the substrate is comprised of a semiconductor silicon-substrate.

38. (Previously presented) The apparatus of Claim 35, wherein the capsule endoscope further includes a protective housing, and wherein the support and substrate are arranged inside of the protective housing

39. (Previously presented) The apparatus of Claim 38, wherein the protective housing includes a portion of an optically transmissive surface.

Claims 40-44 (canceled)